

WINSTREAM NEBRASKA, INC.

NUSF-99 PRICE CAP APPLICATION – HICKMAN EXCHANGE

**Checklist Item No. 1:**

A description of the proposed broadband project including download/upload speed capabilities which can be provided and a description of the proposed network infrastructure to be deployed. Minimum speed standards should be 4 mbps download and 1 mbps upload.

Windstream's Response:

Windstream submits the following project for the Commission's consideration of NUSF-99 broadband funding, to be constructed upon funding approval, using funding available from the 2016 funding allocation.

- Fiber fed DSLAM to serve a portion of the Northern area of the Hickman, NE ILEC Exchange, and Fiber to the Premise for a newly developing area. (Full funding requested)

The Central Office for Hickman is currently connected with interoffice fiber facilities. Customers within reach of the office are qualified for 4Mbps down / 1Mbps upload broadband or better (up to 100Mbps), depending on the copper loop length from the equipment. This project intends to address customers in the Northern area of the exchange that have exceptionally long loop lengths, and therefore are not qualified for premium broadband speeds (25Mbps or better), by providing a Fiber fed DSLAM solution.

- The project will place one DSLAM site at a remote location approximately 2 miles north of the Central Office, along with fiber cable placed to the nearest available connection on an existing fiber route.
- The remote DSLAM will provide the broadband connection to the customers, and have fiber backhaul to the Central Office location.
- Fiber to the Premise (FtTP) will be placed to a new development in conjunction with the fiber placement to the proposed DSLAM.

These network upgrades will enable a network capable of minimum speeds of 25Mbps download and 3Mbps upload for all impacted customers, and depending upon the distance from the remote DSLAM, the majority of customers will have speeds of 50Mbps and up to 100Mbps available. Customers within the FtTP service area will have 1Gig service capability.

Windstream projects the total deployment costs for this project is \$83,564 and Windstream is requesting Nebraska Universal Service Funding for the full amount. Windstream is requesting that the funding for this project be applied against the remaining 2016 funds allotted to Windstream.

**Checklist Item No. 2:**

A list in Excel Format of all the census blocks where broadband facilities would be deployed for the proposed project, which shall include 2010 Census Block identification number of service area, by project.

Windstream's Response:

See Attached Checklist Item #2.

# CHECK LIST #2 CENSUS BLOCKS

## Criteria for Determining NUSF Eligibility for Census Blocks in Priority Order for Projects Using Fixed Wireless Technology:

- 1) If Census Block is CAF 2 - Not Eligible
- 2) If Census Block has Wireline Competitor with at least 10/1 broadband - Not Eligible
- 3) If Census Block Wireline Competitor is a Neighboring ILEC Sharing Service in the Census Block - Eligible
- 4) If Census Block has a Fixed Wireless Competitor with at least 10/1 Broadband but Does Not Provide Voice - Eligible
- 5) If proposal is for a wireline solution, then Fixed Wireless census blocks are counted - Eligible

Census Blocks	CAF 2 and Form 477 Status	Is Wireline Competitor a Neighboring ILEC?	Is Project Technology Wireline Based	NUSF Eligibility
311090104003014	Competition - FW	No Wireline Competitor	Y	NE BB Eligible
311090104003015	Competition - FW	No Wireline Competitor	Y	NE BB Eligible
311090104003076	Competition - FW	No Wireline Competitor	Y	NE BB Eligible
311090104003075	Competition - FW	No Wireline Competitor	Y	NE BB Eligible
311090104003009	Competition - FW	No Wireline Competitor	Y	NE BB Eligible

Summary	# Census Blocks	%
CAF2	0	0%
Competition - Other	0	0%
Competition - FW	0	0%
NE BB Eligible	5	100%
Total	5	100%
Eligible for Funding	5	100%